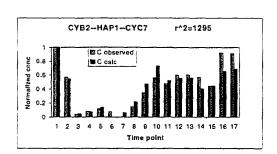
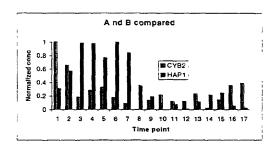


	Hl	IF "B" IS MED	LO
H	"C" is	"C" is	"C" is
	MED	HI	Hl
IF "A" IS	"C" is	"C" is	"C" is
MED	LO	MED	Hl
07	"C" is	"C" is	"C" is
	LO	LO	MED

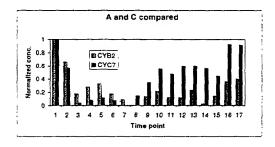
Fis. 3A

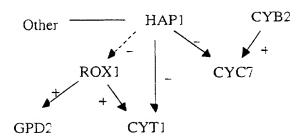


F18 38



F. 9 35





F16 5 HOST COMPUTER ANAL YZER 12 EXPRESSION PROFILING SUBSYSTEM DATABASE 178 SERVER -26 -14 - 22 DATABASE CLIENT COMPUTER INTRANET BROWSER APPLICATION -16 HUMAN INTERFACE (KEYBOARD, MOUSE, ETC.) DISPLAY TIS 20

10

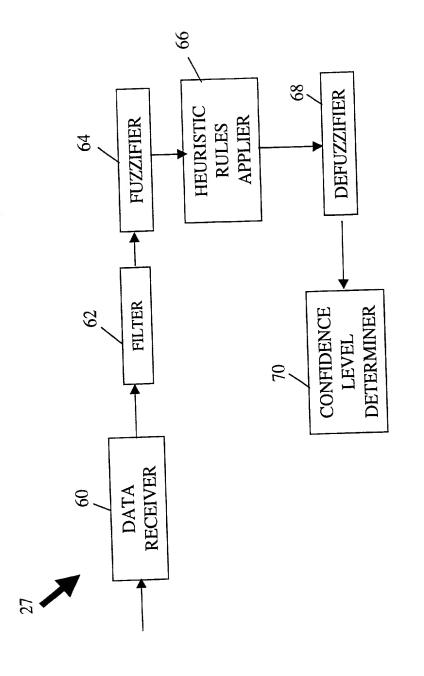
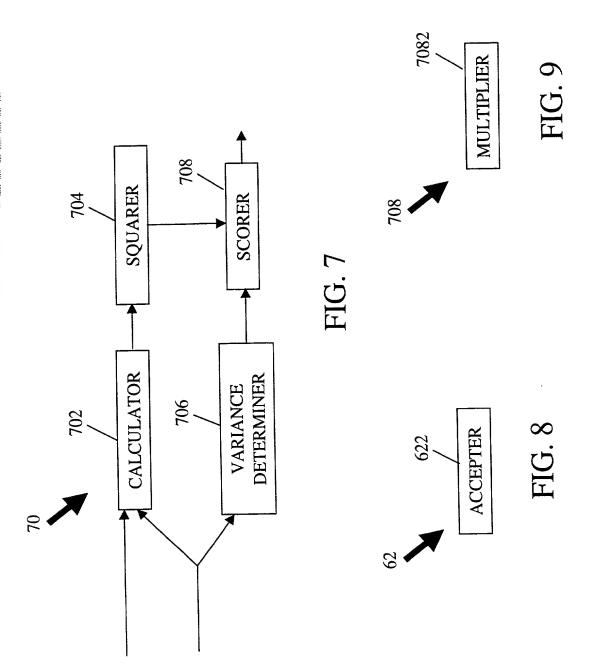


Fig. 6



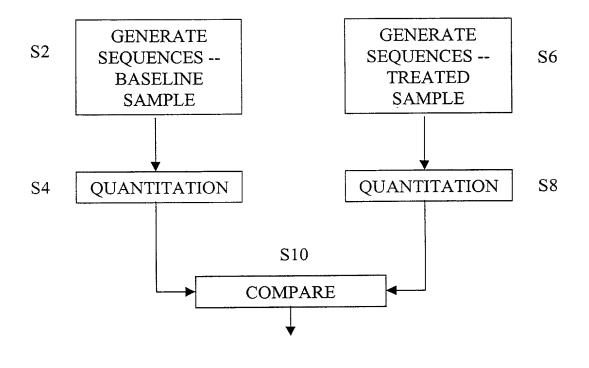


FIG. 10

520 EXPRESSION PROFILING

1

S 22 FILTERING CRISP INPUT EXPRESSION DATA

1

524 FUZZIFICATION OF CRISP INPUT DATA

1

5 26 APPLYING FUZZY DATA TO A DECISION MATRIX

 $\downarrow$ 

PREDICTING THE VALUE OF A DATA POINT C AND DEFUZZIFYING THAT VALUE

 $\downarrow$ 

CALCULATING THE RESIDUAL 12 BETWEEN
THE PREDICTED VALUE OF C AND AN
OBSERVED VALUE OF C

.1

532

DETERMINING VARIANCE OF FUZZIFIED DATA APPLIED TO THE DECISION MATRIX

 $\downarrow$ 

530

GENERATING A GENERAL SCORE BASED ON r<sup>2</sup> AND VARIANCE TO PREDICT THE CREDIBILITY OF THE DECISION MATRIX PREDICTIONS